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 $^7\text{Li}(^{18}\text{O}, ^{17}\text{O})$     2009Ru13

2009Ru13: XUNDL dataset compiled by TUNL, 2010.

The authors measured angular distributions of  $^{17}\text{O}$  ions from  $^7\text{Li}(^{18}\text{O}, ^{17}\text{O})^8\text{Li}$  at  $E(^{18}\text{O})=114$  MeV. Transitions to the ground and excited states of  $^{17}\text{O}$  and  $^8\text{Li}$  are observed. The angular distributions are evaluated in DWBA and Coupled-Reaction-Channels analyses. Optical model potentials are deduced.

 $^{17}\text{O}$  Levels

$E(\text{level})^\dagger$	$J^\pi$
0	$5/2^+$
871	$1/2^+$
3055	$1/2^-$
3841	$5/2^-$
4553	$3/2^-$
5380	$3/2^-$

<sup>†</sup> Reported in (2009Ru13).